

attached to second ends of a plurality of electrically conductive elements or legs **213-218** (**213**, **217**, and **218** are shown in Fig. 4) extending therefrom. First ends, i.e., ends opposite from the top **212**, (e.g., **219**) of the electrically conductive elements **213-218** alternately couple to either a first electrical connection **230** or a second electrical connection **240**. Thus, if a positive voltage source is coupled to the first electrical connection **230** and a negative voltage source is coupled to the second electrical connection **240**, current flows away from the first electrical connection **230**, through electrically conductive elements **213**, **215**, and **217** **214**, **216**, and **218**, and through electrically conductive top **210** before returning to the second electrical connection **240** (through electrically conductive elements **214**, **216**, and **218** **215**, **217**, and **213**.)

Please substitute the following three paragraphs for the first three paragraphs on page 9 of the application.

In Step **750**, the electrically conductive structure **210** couples to the coated core **220**. For a conductive structure **210** with elements **213-218** extending from a conductive top **212** and a coated core **220** with channels oriented parallel to the side **655** of the coated core **220**, the conductive top **212** may set on top surface **520** **620** of the coated core **220** and the elements **213-218** may lie flush with or be laterally confined, i.e., lying entirely beneath the outer surface **650** of the coated core **220**. As a result, adjacent electrically conductive elements, e.g. **217** and **218**, are connected to receptacles of different electrical connections.

In Step **760**, receptacles **512**, **514**, and **522** of the second electrical connection **240** receive electrically conductive elements **217**, **215**, and **213**. In Step **770**, receptacles ~~**563**, **564**, and **584**~~ **562**, **564**, and **572** of the first electrical connection **230** receive the electrically conductive elements **218**, **214**, and **216**.

In Step **780**, electrically conductive elements **217**, **215**, and **213** are silver soldered at a temperature above the melting point of silver solder and below the melting points of copper, steel, zirconia, and a combination of nickel, chromium, aluminum, and yttrium to receptacles **512**, **514**, and **522** and, in Step **790**, electrically conductive elements **218**, **214**, and **216** are similarly silver soldered to receptacles ~~**563**, **564**, and **584**~~ **562**, **564**, and **572** at the electrically conductive element-receptacle joints (e.g. **205**).